

**Amendments to the Specification:**

On page 1 of the Specification, please replace the Title with the following amended Title:

**SYSTEM FOR INITIATING COMMUNICATION BETWEEN A  
USER INTERFACE AND A VISION PROCESSOR**

On page 3 of the Specification, please replace the second paragraph with the following amended paragraph:

There are three modes of operation of a vision system, during which different actions take place on the UI and VP:

1. Connection – using the UI, the developer or the operator selects a VP from a list of all available VPs, possibly displayed in a menu by the UI. The UI establishes initial communications with the VP. The connection phase establishes data communications between the UI and the VP. One embodiment of such a data connection is an application layer connection (possibly using a client/server model) in the OSI communication model.
2. Configuration – through the UI, the developer configures the connected VP for a specific vision task.

On page 4 of the Specification, please replace the first paragraph with the following amended paragraph:

2. 3. Operation – the VP executes the sequence of functions defined by the developer during the configuration phase. The UI may be used by an operator to monitor the outputs of the VP, or may be disconnected from the VP, allowing the VP to run standalone.